

DAKE

LABORATORY PRESSES



distributed by:

Catalog No. 444

DAKE

LABORATORY PRESSES

FEATURES:

PLUG IN PLATENS: The self-leveling, electrically heated, water cooled, precision ground steel platens are plugged into the control panel.

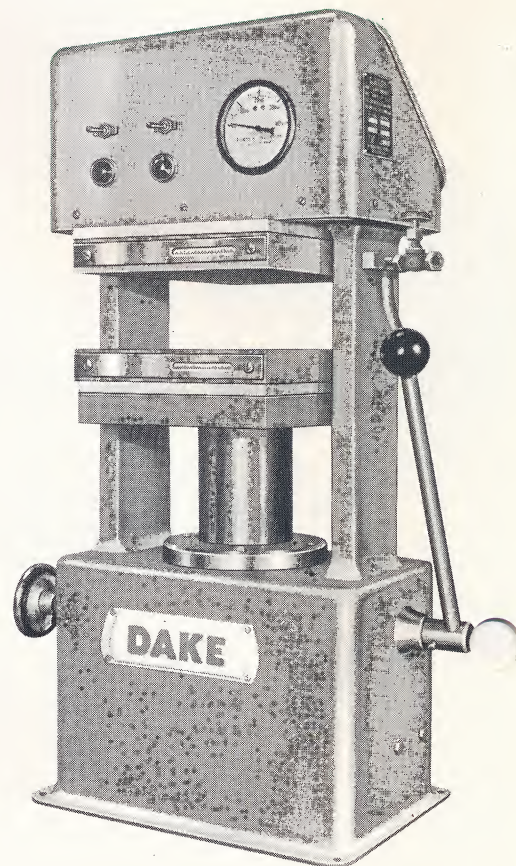
PRECISE TEMPERATURE CONTROL: Each platen has its own complete set of controls including adjustable thermostatic switch, built-in thermometer, power switch and pilot light. Temperatures are accurately controlled from 100° to 600°F.

MULTIPLE PLATENS: Two, three and four platen installations are available. Four platen construction is primarily used for laminating applications where the upper two platens are heated and the lower two are water cooled.

HYDRAULIC SYSTEM: A unique pump design provides a rapid advance of the ram utilizing the high volume-low pressure portion of the pump. When the down stroke of the pump lever is used the pump automatically converts to the high pressure-low volume output providing accurate control and easy operation. The carefully constructed hydraulic system enables the press to hold pressure for extra long periods of time. The release valve on the side of the press enables the operator to adjust the pressure accurately as well as accomplish gradual decompression or fast opening of the press.

TWO POSITION RAM: A removable adaptor is placed between the self-leveling platen and the ram. By removing the adaptor a greater daylight dimension is available.

CONTROL PANEL: A conveniently located panel at the top of the press is isolated from the press and is cooled by an air space between the housing and the upper platen. All electricals are mounted on a separate plaque for easy servicing.



SPECIFICATIONS

**25
TONS**

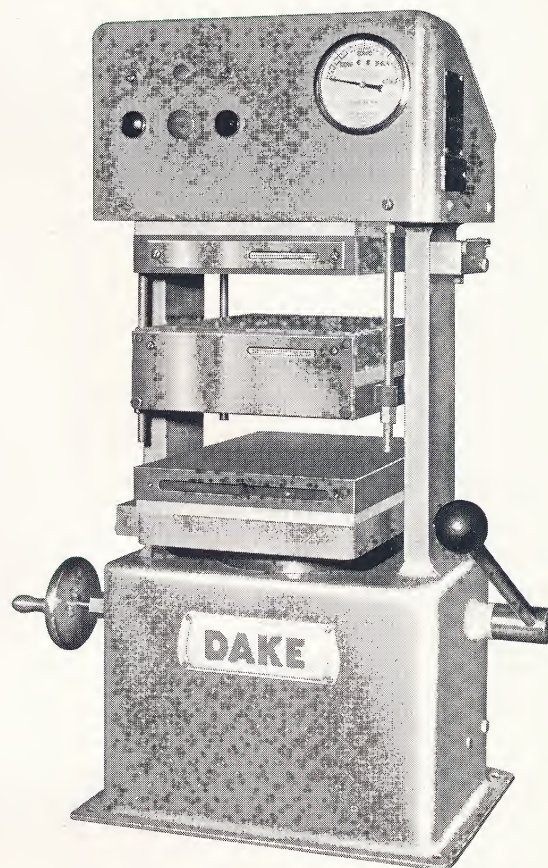
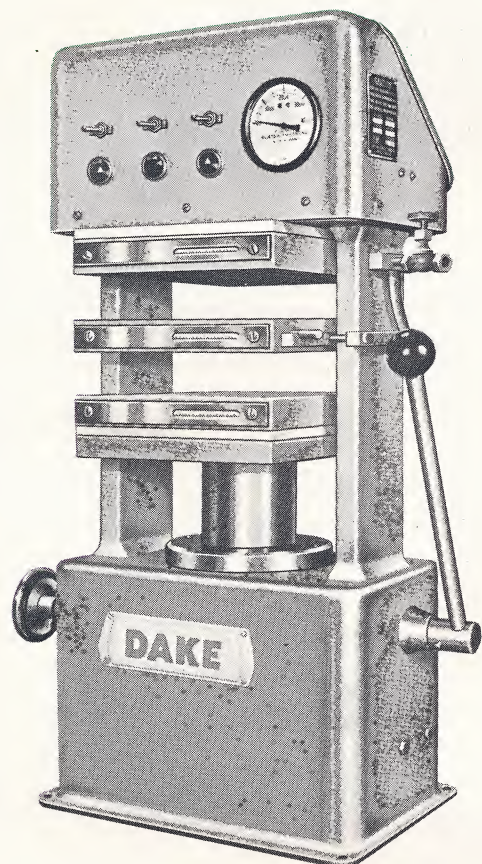
Model No.	Stroke	Platens	No. of Platens	Daylight Between Each Platen with Adaptor	Daylight Between Each Platen without Adaptor	Number of Openings	Max. Temp. F.	Watts per Platen	Voltage** Single Phase	Base Dimension	Overall Height	Approx. Weight Lbs.
44-225	5"	8"x 8"	2	5"	10"	1	600°	750	115V	11"x16"	36"	400
44-226	5"	9"x12"	2	5"	10"	1	600°	1500	115V	11"x16"	36"	430
44-325	5"	8"x 8"	3	1 3/16"	4 5/16"	2	600°	750	115V	11"x16"	36"	435
44-326	5"	9"x12"	3	1 3/16"	4 5/16"	2	600°	1500	115V	11"x16"	36"	470
44-425	5"	8"x 8"	4*	7/8"	3 3/8"	2	600°	750	115V	11"x16"	36"	465
44-426	5"	9"x12"	4*	7/8"	3 3/8"	2	600°	1500	115V	11"x16"	36"	505

*Laminating Presses - Heaters only in upper platens.

**230 Volts also available.

The 75 year old reputation of Dake Corporation for building rugged, dependable equipment has been enhanced by the addition of the 44 series presses. The ability of this series to apply heat and pressure under precise control not only makes it a press ideal for laboratory use but for an unlimited number of other applications as well.

The 44 series is just right for rubber and plastic molding, testing, laminating, and short run production. These presses are available in capacities from 25 to 75 tons. Any application requiring heat, pressure and cooling under absolute control is ideal for this type press.

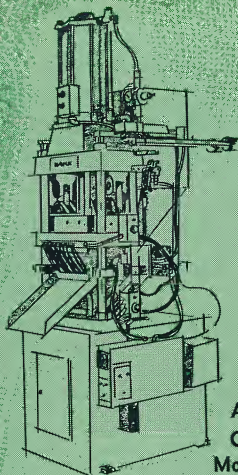


50 TONS

Model No.	Stroke	Platens	No. of Platens	Daylight Between Each Platen with Adaptor	Daylight Between Each Platen without Adaptor	Number of Openings	Max. Temp. F.	Watts per Platen	Voltage Single Phase	Base Dimension	Overall Height	Approx. Weight Lbs.
44-250	6"	12½"x12½"	2	6"	10"	1	600°	2000	230V	16"x18"	40"	800
44-251	6"	12½"x18½"	2	6"	10"	1	600°	3000	230V	16"x18"	40"	900
44-350	6"	12½"x12½"	3	2¾"	4¾"	2	600°	2000	230V	16"x18"	40"	875
44-351	6"	12½"x18½"	3	2¾"	4¾"	2	600°	3000	230V	16"x18"	40"	1000
44-450	6"	12½"x12½"	4*	1¾"	3¾"	2	600°	2000	230V	16"x18"	40"	950
44-451	6"	12½"x18½"	4*	1¾"	3¾"	2	600°	3000	230V	16"x18"	40"	1100

75 TONS

Model No.	Stroke	Platens	No. of Platens	Daylight Between Each Platen with Adaptor	Daylight Between Each Platen without Adaptor	Number of Openings	Max. Temp. F.	Watts per Platen	Voltage 3 Phase	Base Dimension	Overall Height	Approx. Weight Lbs.
44-275	6"	19"x19"	2	6"	12"	1	600°	4000	230V	21"x 26"	50"	1800
44-375	6"	19"x19"	3	2¾"	5¾"	2	600°	4000	230V	21"x 26"	50"	1900
44-475	6"	19"x19"	4*	1¾"	4¾"	2	600°	4000	230V	21"x 26"	50"	2000



Automatic
Compression
Molding Presses

DAKE

PRESSES FROM 1 TO 600 TONS

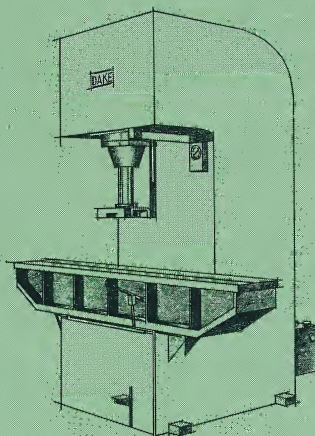
The DAKE Corporation builds arbor presses from one to twenty-five tons capacity and hydraulic presses from fifteen to six hundred tons capacity. In addition to the broad line of standard arbor and hydraulic shop presses DAKE designs and builds "Custom Engineered" Hydraulic Presses of all types.

In the metalworking industries, DAKE presses are widely used for assembly, straightening, bending, drawing, die development and try-out, and many other not so common applications.

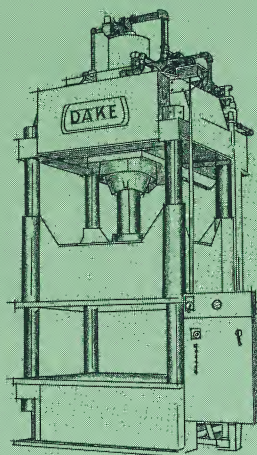
The plastics industry recognizes DAKE as a leading manufacturer of compression molding presses, vacuum-formed plastics trimming presses, and steel rule die cutting presses for foams and laminates.

The DAKE Corporation will be happy to work with you in developing any operation that might be done with a hydraulic press.

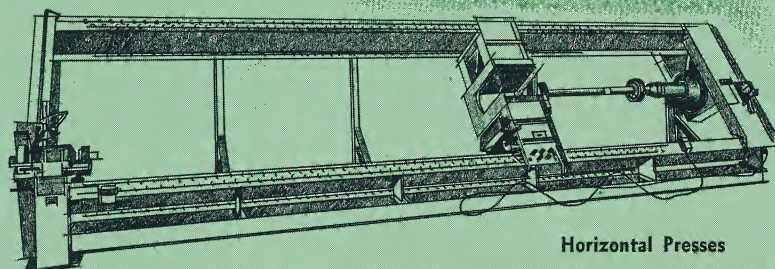
Please contact us for immediate action.



Gap Type Presses

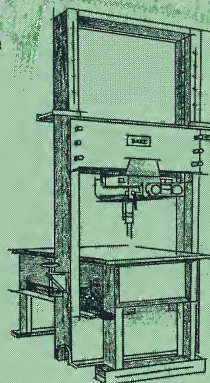


Guided Platen Presses

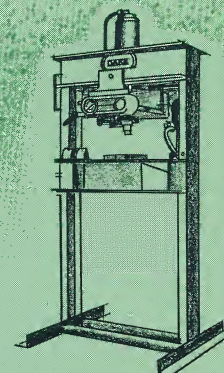


Horizontal Presses

Movable
Frame
Presses



Hydraulic
H-Frame
Presses



Catalog 444-25M-8-63

DAKE CORPORATION

Grand Haven, Michigan

The logo for Dake Corporation, featuring the word "DAKE" in a bold, black, sans-serif font. The letters are slightly shadowed, giving it a three-dimensional appearance as if it's a block letter sitting on a surface.

C O R P O R A T I O N

MANUFACTURERS OF ARBOR AND HYDRAULIC PRESSES • SPECIAL MACHINERY
AREA CODE 616 PHONE 842-7110 GRAND HAVEN, MICHIGAN

December 13, 1966

Nelson, Systems Consultant
Box 1546
Poughkeepsie, New York 12603

Gentlemen:

Thank you for the interest you expressed in our line of
Hydraulic Laboratory Presses.

In accordance with your request we are pleased to enclose
a copy of our catalog #444 which describes our standard
line of Hydraulic Laboratory Presses in some detail. We
would like to point out that in addition to this standard line
we are in a position to supply custom-engineered presses of
almost any specification up to 600 tons capacity.

The presses shown in catalog #444 are generally available
from our stock and the delivery of the custom-engineered
presses would normally run seven to eight weeks after receipt
of order.

By copy of this letter we are requesting that our representative
contact you at any early date to answer any questions that you
might have in regard to our press line.

Thank you again for your valued inquiry.

Yours very truly,

DAKE CORPORATION

A handwritten signature in blue ink, appearing to read "Paul A. Johnson". The signature is fluid and cursive, written over the printed name.
Paul A. Johnson

PAJ:D
encl. 444-45
CC to R.J.R. Kelley Co.
519 Main Street
East Orange, New Jersey 07018

DAKE

44 SERIES
DAKE HYDRAULIC LABORATORY PRESSES

PRICE LIST PRESSES

January 2, 1967

DAKE MODEL NUMBER	Capacity Tons	Number of Platens	Platen sizes	
44-225	25	2	8" x 8"	\$ 835.00
44-226	25	2	9" x 12"	970.00
44-325	25	3	8" x 8"	970.00
44-326	25	3	9" x 12"	1,140.00
44-425	25	4*	8" x 8"	1,000.00
44-426	25	4*	9" x 12"	1,165.00
44-250	50	2	12-1/2 x 12-1/2"	\$1,420.00
44-251	50	2	12-1/2 x 18-1/2"	1,685.00
44-350	50	3	12-1/2 x 12-1/2"	1,605.00
44-351	50	3	12-1/2 x 18-1/2"	1,920.00
44-450	50	4*	12-1/2 x 12-1/2"	1,555.00
44-451	50	4*	12-1/2 x 18-1/2"	1,730.00
44-275	75	2	19" x 19"	\$2,555.00
44-375	75	3	19" x 19"	2,895.00
44-475	75	4*	19" x 19"	3,025.00

*Heaters only in upper platens.

DAKE CORPORATION

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Grand Haven, Michigan

445-25M-1-67